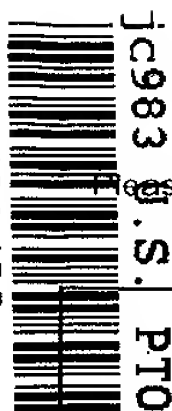


12/28/00



jcs983 U.S. PTO

12-29-00

A

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 03-LO-6803

First Inventor Michael A. Cook

Title THREE LAYER WASHER

Express Mail Label No. EL319730605US

PTO

U.S.

09/750414

12/28/00

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Application claims small entity status.
See 37 CFR 1.27
3. ☒ Specification [Total Pages **13**]
(Preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets **3**]
5. Oath or Declaration [Total Pages **1**]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement
(when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure
Statement (IDS)/PTO-1449 ☐ Copies of IDS
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(If foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or
its equivalent.
17. ☒ Other: Certificate of Express Mail: Declaration
and Power of Attorney submitted for
identification of inventors only

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or
in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: ____/

Prior application information:

Examiner:

Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box
5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The
incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Custom No. or Attach bar code label here) or ☒ Correspondence address below

| | | | | | |
|---------|----------------------------------|-----------|----------------|----------|----------------|
| Name | John S. Beulick | | | | |
| Address | Armstrong Teasdale LLP | | | | |
| | One Metropolitan Sq., Suite 2600 | | | | |
| City | St. Louis | State | Missouri | Zip Code | 63102 |
| Country | US | Telephone | (314) 621-5070 | Fax | (314) 621-5065 |

| | | | |
|-------------------|--------------------------|-----------------------------------|-------------------|
| Name (Print/type) | Patrick W. Rasche | Registration No. (Attorney/Agent) | 37,916 |
| Signature | <i>Patrick W. Rasche</i> | Date | December 28, 2000 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the
amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT
SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

Complete If Known

| | | | | |
|---|--|-----------------------------|-------------------------------|-----------------|
| FEE TRANSMITTAL for FY 2001 Patent fees are subject to annual revision. | | Application Number | | |
| | | Filing Date | | |
| | | First Named Inventor | | Michael A. Cook |
| | | Group Art Unit | | |
| | | Examiner Name | | |
| TOTAL AMOUNT OF PAYMENT | | (\$) 710.00 | Attorney Docket Number | 03-LO-6803 |

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **01-2384**

Deposit Account Name

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
-
- ☐
- Applicant claims small entity status. See 37 CFR 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:**

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 710 | 201 | 355 | Utility Filing Fee | 710.00 |
| 106 | 320 | 206 | 160 | Design Filing Fee | |
| 107 | 490 | 207 | 245 | Plant Filing Fee | |
| 108 | 710 | 208 | 355 | Reissue filing Fee | |
| 114 | 150 | 214 | 75 | Provisional Filing Fee | |

SUBTOTAL (1) **710.00****2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee From Below | Fee Paid |
|--------------|--------------|----------------|----------|
| 18 | -20** | -0- | -0- |
| 3 | -3* | -0- | -0- |
| | | | |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------|-----------------|----------------|-----------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) **-0-**

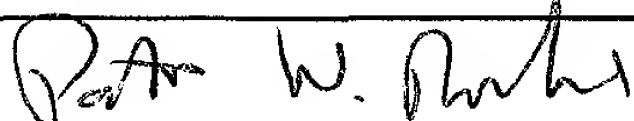
**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge-late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2520 | 147 | 2520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1840* | 113 | 1840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension for reply within second Month | |
| 117 | 890 | 217 | 445 | Extension for reply within third month | |
| 118 | 1390 | 218 | 695 | Extension for reply within fourth month | |
| 128 | 1890 | 228 | 945 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1510 | 138 | 1510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after a final rejection (37-CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) **-0-**

| | | | | | |
|---------------------|---|-----------------------------------|---------------|---------------------------------|-------------------|
| SUBMITTED BY | | | | Complete (if applicable) | |
| Name (Print/Type) | Patrick W. Rasche | Registration No. (Attorney/Agent) | 37,916 | Telephone | 314.621.5070 |
| Signature |  | | | Date | December 28, 2000 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

01/04/2001 RMR151 00000006 012384 09750414

01 FC:101 710.00 CH

PTO-1556
(5/87)

*U.S. GPO: 1999-459-082/19144

PATENT
03-LO-6803

CERTIFICATE OF MAILING BY EXPRESS MAIL
TO THE ASSISTANT COMMISSIONER FOR PATENTS

jc639 U.S. PTO
09/750414
12/28/00

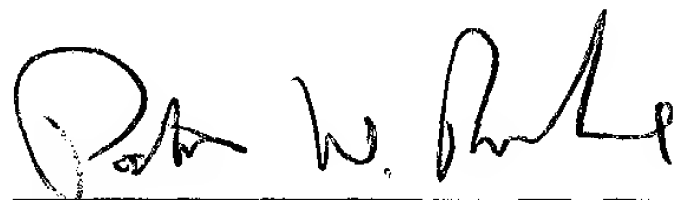
Express Mail mailing label number: **EL319730605US**

Date of Mailing: **December 28, 2000**

I certify that the attached utility patent application, claiming benefit of Provisional Application Serial No. 60/174,002, filed December 30, 1999, of **MICHAEL A. COOK; VIJAY CHARHAR; KERRY SHELTON; and TIMOTHY W. CAREY**, for **THREE LAYER WASHER**, including:

- Certificate of Mailing Via Express Mail (1 page)
- Patent Application Transmittal (1 page)
- Fee Transmittal (in duplicate) (1 page)
- Eight (8) pages of specification; four (4) pages of claims; one (1) page of abstract
- Declaration and Power of Attorney, submitted for identification of inventors only, (2 pages)
- Three (3) sheets of drawings
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.



Patrick W. Rasche, Reg. No. 37,916
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102
314/621-5070